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ABSTRACT

This document, which is intended for use by community and junior colleges throughout Mississippi, contains curriculum frameworks for the course sequences in the practical nursing program. Presented in the introductory section are a description of the program and suggested course sequence. Section I lists baseline competencies, and section II consists of outlines for each of the following courses in the sequence: basic nutrition; body structure and function; growth and development; fundamentals of nursing; fundamentals of nursing lab and clinical; geriatric nursing; medical and surgical nursing I; medical and surgical nursing lab and clinical I; medical and surgical nursing II; medical and surgical nursing lab and clinical II; pharmacology; maternal-child nursing; psychiatric concepts; and nursing transition. The curriculum guide also lists recommended tools and equipment. Each course outline contains some/all of the following: course name and abbreviation; course classification; course description; prerequisites; and competencies and suggested objectives. Recommended tools and equipment are listed in section III. Appended are lists of related academic topics and workplace skills for the 21st century and student competency profiles for both courses. (KC)

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Mississippi Curriculum Framework for Practical Nursing

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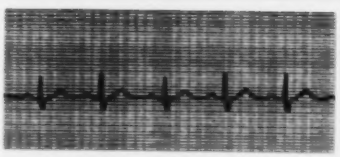

Postsecondary
Vocational and Technical Education
1995

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MISSISSIPPI

CURRICULUM FRAMEWORK

FOR

PRACTICAL NURSING PROGRAMS

(CIP: 51.1613 - Practical Nurse (L.P.N. Training))

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FOREWORD

In order to survive in today's global economy, businesses and industries have had to adopt new practices and procedures. Total quality management, statistical process control, participatory management, and other concepts of high performance work organizations are practices by which successful companies survive. Employers now expect their employees to be able to read, write, and communicate effectively; solve problems and make decisions; and interact with the technologies that are prevalent in today's workplace. Vocational-technical education programs must also adopt these practices in order to provide graduates who can enter and advance in the changing work world.

The curriculum framework in this document reflect these changes in the workplace and a number of other factors that impact on local vocational-technical programs. Federal and state legislation calls for articulation between high school and community college programs, integration of academic and vocational skills, and the development of sequential courses of study that provide students with the optimum educational path for achieving successful employment. National skills standards, developed by industry groups and sponsored by the U. S. Departments of Education and Labor, provide vocational educators with the expectations of employers across the United States. All of these factors are reflected in the framework found in this document.

Each postsecondary program of instruction consists of a program description and a suggested sequence of courses which focus on the development of occupational competencies. Each vocational-technical course in this sequence has been written using a common format which includes the following components:

- Course Name - A common name that will be used by all community/junior colleges in reporting students.
- Course Abbreviation - A common abbreviation that will be used by all community/junior colleges in reporting students.
- Classification - Courses may be classified as:
  - Vocational-technical core - A required vocational-technical course for all students.
  - Vocational-technical elective - An elective vocational-technical course.
  - Related academic course - An academic course which provides academic skills and knowledge directly related to the program area.
  - Academic core - An academic course which is required as part of the requirements for an Associate degree.
- Description - A short narrative which includes the major purpose(s) of the course and the recommended number of hours of lecture and laboratory activities to be conducted each week during a regular semester.

- Prerequisites - A listing of any prerequisite courses that must be taken prior to or on enrollment in the course.
- Competencies and Suggested Objectives - A listing of the competencies (major concepts and performances) and of the suggested student objectives that will enable students to demonstrate mastery of these competencies.

The following guidelines were used in developing the program(s) in this document and should be considered in compiling and revising course syllabi and daily lesson plans at the local level:

- The content of the courses in this document reflects approximately 75 percent of the time allocated to each course. For example, in a four semester hour course consisting of 30 hours lecture and 120 hours of laboratory activities, approximately 22 hours of lecture and 90 hours of lab should be taken by the competencies and suggested objectives identified in the course framework. The remaining 25 percent of each course should be developed at the local district level and may reflect:
  - Additional competencies and objectives within the course related to topics not found in the State framework, including activities related to specific needs of industries in the community college district.
  - Activities which develop a higher level of mastery on the existing competencies and suggested objectives.
  - Activities and instruction related to new technologies and concepts that were not prevalent at the time the current framework was developed/revised.
  - Activities which implement components of the Mississippi Tech Prep initiative, including integration of academic and vocational-technical skills and coursework, school-to-work transition activities, and articulation of secondary and postsecondary vocational-technical programs.
  - Individualized learning activities, including worksite learning activities, to better prepare individuals in the courses for their chosen occupational area.

- Sequencing of the course within a program is left to the discretion of the local district. Naturally, foundation courses related to topics such as safety, tool and equipment usage, and other fundamental skills should be taught first. Other courses related to specific skill areas and related academics, however, may be sequenced to take advantage of seasonal and climatic conditions, resources located outside of the school, and other factors.

- Programs that offer an Associate of Applied Science degree must include a minimum 15 semester credit hour academic core. Specific courses to be taken within this core are to be determined by the local district. Minimum academic core courses are as follows:

- 3 semester credit hours Math/Science Elective
- 3 semester credit hours Written Communications Elective
- 3 semester credit hours Oral Communications Elective
- 3 semester credit hours Humanities/Fine Arts Elective
- 3 semester credit hours Social/Behavioral Science Elective

It is recommended that courses in the academic core be spaced out over the entire length of the program, so that students complete some academic and vocational-technical courses each semester. Each community/junior college has the discretion to select the actual courses that are required to meet this academic core requirement.

- In instances where secondary programs are directly related to community and junior college programs, competencies and suggested objectives from the high school programs are listed as Baseline Competencies. These competencies and objectives reflect skills and knowledge that are directly related to the community and junior college vocational-technical program. In adopting the curriculum framework, each community and junior college is asked to give assurances that:
  - students who can demonstrate mastery of the Baseline Competencies do not receive duplicate instruction, and
  - students who cannot demonstrate mastery of this content will be given the opportunity to do so.

- The roles of the Baseline Competencies are to:
  - Assist community/junior college personnel in developing articulation agreements with high schools, and
  - Ensure that all community and junior college courses provide a higher level of instruction than their secondary counterparts

- The Baseline Competencies may be taught as special "Introduction" courses for 3-6 semester hours of institutional credit which will not count toward Associate degree requirements. Community and junior colleges may choose to integrate the Baseline Competencies into ongoing courses in lieu of offering the "Introduction" courses or may offer the competencies through special projects or individualized instruction methods.

- Technical elective courses have been included to allow community colleges and students to customize programs to meet the needs of industries and employers in their area.

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TABLE OF CONTENTS

Page

FOREWORD iii

ACKNOWLEDGEMENTS vii

PRACTICAL NURSING PROGRAM DESCRIPTION 1

PRACTICAL NURSING SUGGESTED COURSE SEQUENCE 2

SECTION I: BASELINE COMPETENCIES 5

SECTION II: CURRICULUM GUIDE FOR PRACTICAL NURSING 11

- Basic Nutrition 13
- Body Structure and Function 14
- Growth and Development 15
- Fundamentals of Nursing 16
- Fundamentals of Nursing Lab and Clinical 20
- Geriatric Nursing 23
- Medical/Surgical Nursing I 24
- Medical/Surgical Nursing Lab and Clinical I 25
- Medical/Surgical Nursing II 27
- Medical/Surgical Nursing Lab and Clinical II 28
- Pharmacology 29
- Maternal-Child Nursing 31
- Psychiatric Concepts 34
- Nursing Transition 36

SECTION III: RECOMMENDED TOOLS AND EQUIPMENT 39

APPENDIX A: RELATED ACADEMIC TOPICS A-1

APPENDIX B: WORKPLACE SKILLS B-1

APPENDIX C: STUDENT COMPETENCY PROFILE C-1

PROGRAM DESCRIPTION

PRACTICAL NURSING

The Practical Nursing program prepares the individual to assist in providing general nursing care requiring basic knowledge of the biological, physical, behavioral, psychological, and sociological sciences; and of nursing procedures which do not require the substantial skills, judgment, and knowledge required of a registered nurse. This care is performed under the direction of a registered nurse, licensed physician, or dentist.

Students that complete the program requirements, as identified by the Mississippi Department of Education, will be eligible to apply for LPN licensure.

PRACTICAL NURSING

SUGGESTED COURSE SEQUENCE*

Baseline Competencies for Practical Nursing**

YEAR 1

3 sch	Basic Nutrition (PNV 1113)
3 sch	Body Structure and Function (PNV 1213)
2 sch	Growth and Development (PNV 1312)
5 sch	Fundamentals of Nursing (PNV 1425)
4 sch	Fundamentals of Nursing Lab (PNV 1434)
2 sch	Geriatric Nursing (PNV 1412)
19 sch	

5 sch	Medical/Surgical Nursing I (PNV 1615)
4 sch	Medical/Surgical Lab and Clinical I (PNV 1624)
3 sch	Medical/Surgical Nursing II (PNV 1633)
4 sch	Medical/Surgical Lab and Clinical II (PNV 1644)
3 sch	Pharmacology (PNV 1513)
19 sch	

SUMMER TERM

7 sch	Maternal-Child Nursing (PNV 1717)
3 sch	Psychiatric Concepts (PNV 1813)
2 sch	Nursing Transition (PNV 1912)
12 sch	

* Students who lack entry level skills in math, English, science, etc. will be provided related studies.

** Baseline competencies are taken from the high school Allied Health program. Students who can document mastery of these competencies should not receive duplicate instruction. Students who cannot demonstrate mastery will be required to do so.

Semester I	SCH	LEC	LAB	CLIN	Clock Hours
Prerequisites: CPR-C					
Basic Nutrition	3	45	0	0	
Body Structure and Function	3	30	30	0	
Growth and Development	2	30	0	0	
Fundamentals of Nursing	5	75	0	0	
Fundamentals of Nursing Lab	4	0	120	0	
Geriatric Nursing	2	15	0	45	
	19	195	150	45	(390)

Semester II	SCH	LEC	LAB	CLIN	Clock Hours
Pharmacology	3	30	30	0	
Medical/Surgical Nursing I	5	75	0	0	
Medical/Surgical Lab and Clinical I	4	0	30	135	
Medical/Surgical Nursing II	3	45	0	0	
Medical/Surgical Lab and Clinical II	4	0	30	135	
	19	150	90	270	(510)

	Semester III				Clock Hours
	SCH	LEC	LAB	CLIN	
Maternal-Child Nursing Health Needs	4	60	0	0	
Maternal-Child Nursing Clinical	3	0	0	135	
Psychiatric Concepts	3	30	0	45	
Nursing Transition	2	15	0	45	
	12	105	0	225	(330)

Program Total Clock Hours = 1,230
Semester Hours = 50

SECTION I:

BASELINE COMPETENCIES

BASELINE COMPETENCIES FOR POSTSECONDARY PRACTICAL NURSING PROGRAMS

The following competencies and suggested objectives are taken from the publication *Mississippi Curriculum Framework for Secondary Allied Health*. These competencies and objectives represent the baseline for entrance into the postsecondary Practical Nursing courses. Students enrolled in postsecondary courses should either (1) have documented mastery of these competencies, or (2) be provided with these competencies before studying the advanced competencies in the Practical Nursing program.

Baseline competencies may be integrated into existing courses in the curriculum or taught as special "Introduction" courses. The "Introduction" courses may be taught for up to six semester hours of institutional credit and may be divided into two courses. If the Baseline Competencies are to be taught as "Introduction" courses, each course should be at least 3 credit hours. The following course number(s) and description should be used:

Course Name(s): Introduction to Practical Nursing, Introduction to Practical Nursing I, or Introduction to Practical Nursing II

Course Abbreviation(s): PNV 100(3-6), PNV 1013, PNV 1023

Classification: Vocational-Technical Core

Description: These courses contain the baseline competencies and suggested objectives from the high school Allied Health curriculum which directly related to the community college Practical Nursing program. The courses are designed for students entering the community college who have had no previous training or documented experience in the field. (3-6 semester hours based upon existing skills for each student. May be divided into 2 courses for a maximum total of 6 hours of institutional credit.)

Competencies and Suggested Objectives:

1. Review material related to course and professional organizations.
   a. Identify student and course expectations.
   b. Identify allied health professional student organizations.
   c. Demonstrate effective teamwork skills.
   Related Academic Topics (See Appendix A): C1, C6
   Workplace Skills (See Appendix B): WP2
2. Apply communications in health care.
   a. Identify the three main factors required for the communication process.
   b. Identify four factors which can interfere with the communication process.

c. Utilize effective communication skills.

Related Academic Topics (See Appendix A): C1, C6
Workplace Skills (See Appendix B): WP2, WP3

3. Explain professional ethics and legal responsibility.
   a. Explain professional ethics and legal responsibility including negligence, malpractice, and health occupation code of conduct.
   b. Define confidentiality.
   c. Identify and explain the rules of ethics.
   d. Identify and explain torts.

   Related Academic Topics (See Appendix A): C1, C4, C6
   Workplace Skills (See Appendix B): WP2, WP3
4. Explain client's rights.
   a. Provide security for client's personal possessions.
   b. Provide care for client's personal possessions.
   c. Report improper care to include negligence, unethical conduct, etc.
   d. Report abuse to include physical, verbal, and psychological.
   e. Identify ways to promote client's rights and privacy.
   f. Respect client.

   Related Academic Topics (See Appendix A): C1, C6
   Workplace Skills (See Appendix B): WP3
5. Utilize universal precautions.
   a. Explain importance of universal precautions in life practices and health care.
   b. Explain the state and federal government's role in universal precautions.
   c. Relate universal precautions to the transmission of infectious diseases including HIV, AIDS, HBV, and TB.
   d. Demonstrate hand-washing technique.
   e. Demonstrate donning and removing clean gloves.

   Related Academic Topics (See Appendix A): C1, C4, C6, S8
   Workplace Skills (See Appendix B): WP2
6. Recognize safety procedures and policies.
   a. Describe basic safety procedures.
   b. Describe accident prevention methods and disaster plans.
   c. Provide a safe environment.
   d. Provide a clean environment.
   e. Follow facility policies.

   Related Academic Topics (See Appendix A): C1, C4, C6, S8
   Workplace Skills (See Appendix B): WP2
7. Perform basic safety procedures.
   a. Assist with basic emergency procedures to include falls, seizures, fainting.
   b. Attain Class C certification in cardiopulmonary resuscitation.
   c. Demonstrate procedures of first aid for sudden illness and accidents.
   d. Demonstrate body mechanics.

e. Demonstrate and/or explain correct procedures for transfer equipment including wheelchair, stretcher, and mechanical/pneumatic lift.

Related Academic Topics (See Appendix A): C1, C4, C6, S8
Workplace Skills (See Appendix B): WP2, WP6

8. Recognize and use medical terminology.
   a. Demonstrate the use of medical references to spell medical terms correctly.
   b. Spell designated medical terms correctly.
   c. Define and divide medical terms into root words, prefixes, and suffixes.
   d. Interpret the common medical abbreviations and symbols including meanings, and uses.
   e. Demonstrate the use of medical terms and abbreviations in reading, speaking, interpreting, and writing simulated medical records.

   Related Academic Topics (See Appendix A): C1, C4, C5, C6, S1, S8
   Workplace Skills (See Appendix B): WP2, WP4

9. Recognize the structure and functions of each organ system and apply related basic skills.
   a. Interpret the basic organization of the body.
   b. Interpret the basic structures and functions of the integumentary system.
   c. Interpret the basic structures and functions of the musculoskeletal system.
      i. Explain ways to prevent complications of muscular and skeletal systems.
   d. Interpret the basic structures and functions of the circulatory system.
      i. Define, locate, and check the four main vital signs.
   e. Interpret the basic structures and functions of the respiratory system.
   f. Interpret the basic structures and functions of the digestive system.
      i. Define terms associated with nutrition.
      ii. Identify the basic food groups with examples of each.
      iii. Describe types of therapeutic diets.
      iv. Demonstrate how to assist with feeding a patient.
   g. Interpret the basic structures and functions of the urinary system.
      i. Define terms associated with intake and output.
      ii. Convert intake and output measurements into metric equivalents.
      iii. Demonstrate how to measure intake and output.
   h. Interpret the basic structures and functions of the nervous system.
   i. Interpret the basic structures and functions of the sensory system.
   j. Interpret the basic structures and functions of the reproductive system.
      i. Explain perineal care.
      ii. Check breast models for tumors.
      iii. Check testicles models for tumors.
   k. Interpret the basic structures and functions of the endocrine system.

   Related Academic Topics (See Appendix A): C1, C2, C5, C6, M4, S1, S8
   Workplace Skills (See Appendix B): WP2, WP3, WP4

10. Develop patient contact care skills by utilizing medical terminology and basic skills in a health care setting.
    a. Demonstrate how to don and remove sterile gloves using sterile technique.
    b. Demonstrate how to open sterile packages without contaminating contents using sterile technique.
    c. Prepare a basic sterile dressing tray without contamination using sterile technique.
    d. Identify basic supplies used for dressing change including forceps, sterile scissors, and gauze.
    e. Demonstrate donning and removing isolation mask, eye shields, cap, gown, goggles, and cover shoes according to health care facility policy.
    f. Demonstrate double bagging technique and isolation technique according to health care facility policy.
    g. Define three general principles of isolation, three purposes of isolation, and five types of isolation according to CDC/OSHA guidelines.

    Related Academic Topics (See Appendix A): C1, C2, C4, C6, M4, S1, S8
    Workplace Skills (See Appendix B): WP2, WP3, WP6
11. Demonstrate job seeking and job keeping skills.
    a. Prepare a resume containing essential information.
    b. Use resource documents to enhance job competency.
    c. Complete a job application form.
    d. Explain procedures for job interviews.
    e. Demonstrate the role of an applicant in a job interview.
    f. Describe job interview etiquette.
    g. Maintain positive relations with clients and peers.
    h. Demonstrate job keeping skills.

    Related Academic Topics (See Appendix A): C1, C4, C6
    Workplace Skills (See Appendix B): WP2, WP3

SECTION II:

CURRICULUM GUIDE

FOR

PRACTICAL NURSING

Course Name: Basic Nutrition

Course Abbreviation: PNV 1113

Classification: Vocational-Technical Core

Description: This course consists of a study of nutrition for all individuals. Digestion, metabolism, and diet therapy are introduced. (3 sch: 3 hr. lecture)

Competencies and Suggested Objectives:

1. Apply principles of basic nutrition that promote and maintain health.
   a. Explain the importance of adequate nutrition as related to health promotion and maintenance.
   b. Identify the essential nutrients, their functions and food sources, and deficiency manifestations.
   c. Explain factors that influence dietary habits of the individual's health promotion and maintenance.
   d. Discuss food habits and variations among various cultural and socio-economic groups.
   e. Describe how a normal diet can be modified for patients experiencing health problems.
   f. Plan a balanced daily diet using the *Food Pyramid* for a given individual.
   g. Describe the importance of conveying accurate nutritional information to patients.

   Related Academic Topics (See Appendix A): C1, C2, C6, S1
   Workplace Skills (See Appendix B): WP2
2. Apply principles of diet therapy.
   a. Identify modifications needed in the *Food Pyramid* to meet the nutritional needs of individuals at various stages of life.
   b. Plan a modified diet for teaching an individual with a need for weight alteration.
   c. Describe the importance of adjusting nutritional needs including parenteral nutrition and tube feeding.
   d. Identify measures to improve an individual's nutritional intake (e.g., small feedings, preferred foods, etc.).

   Related Academic Topics (See Appendix A): C1, C2, C6, S1
   Workplace Skills (See Appendix B): WP2

Course Name: Body Structure and Function

Course Abbreviation: PNV 1213

Classification: Vocational-Technical Core

Description: This course is a study of body structure and function essential to safe and effective nursing care. Each system of the body is covered with applications to nursing. (3 sch: 2 hr. lecture, 2 hr. lab)

Competencies and Suggested Objectives:

1. Explain the integrated structures and function of body systems including cells, tissues, organs, and systems as they relate to physiologic integrity.
   a. Describe the organization of the body and define terms associated with organization.
   b. Describe the basic anatomical structure and function of cells, organs, tissues, and systems.
   c. Identify the basic structure and function(s) of the following systems:
      i. Muscular
      ii. Skeletal
      iii. Circulatory
      iv. Endocrine
      v. Respiratory
      vi. Nervous
      vii. Digestive
      viii. Reproductive (male and female)
      ix. Sensory
      x. Urinary
      xi. Integumentary
   d. Describe the interrelationship between the systems of the body and the maintenance of homeostasis.

   Related Academic Topics (See Appendix A): C1, C2, C6, S1, S7
   Workplace Skills (See Appendix B): WP2, WP6

Course Name: Growth and Development

Course Abbreviation: PNV 1312

Classification: Vocational-Technical Core

Description: This course is a study of the normal developmental processes of humans from infancy to adulthood, including physical, emotional, social, and intellectual aspects. (2 sch: 2 hr. lecture)

Competencies and Suggested Objectives:

1. Explain the normal developmental processes of humans throughout the lifespan including physical, emotional, social, and intellectual aspects.
   a. Describe "Maslow's Hierarchy of Needs" as it relates to the stages of growth and development.
   b. Describe "Eric Ericson's Eight Stages of Psychosocial Development."
   c. Describe normal growth and development and milestones that occur from conception to death.
   d. Describe changes in basic needs of the individual as he/she moves along in the life span from birth to maturity.
   e. Identify and describe accidents common to each age group and the preventive measures associated with both the accident and age of the individual.
   f. Compare the physical development of an individual to norms.
   g. List community resources that are available to provide assistance throughout the lifespan.
   h. Explain the adaptation of daily needs as influenced by health status.

   Related Academic Topics (See Appendix A): C1, C2, C6, S1, S8
   Workplace Skills (See Appendix B): WP1, WP6
2. Integrate the knowledge of human growth and development as it relates to family dynamics.
   a. Describe how the human being begins to socialize and becomes a member of a family.
   b. Describe how the human being learns to communicate with others.
   c. List ways adults can assist children in becoming well-adjusted adults.
   d. Describe the developmental tasks of the family at each stage of family life.
   e. Describe the need for the parents/caregivers' understanding of normal growth and development.
   f. Describe effective parenting skills.
   g. Describe the effect of stressors upon the roles in the family.

   Related Academic Topics (See Appendix A): C1, C2, C4, C6, S1, S8
   Workplace Skills (See Appendix B): WP2, WP6

Course Name: Fundamentals of Nursing

Course Abbreviation: PNV 1425

Classification: Vocational-Technical Core

Description: This course provides the student with knowledge and skills necessary to care for the individual. Study includes beginning use of the nursing process; cause and prevention of illness; patient, family, and community health care provisions; and resource agencies available. The course also includes personal health care, basic math, medical terms, medical and apothecary system. Included is preparation to assist the patient in meeting basic living needs. (5 sch: 5 hr. lecture)

Prerequisite: This course requires concurrent registration in PNV 1434. It also requires a passing grade in PNV 1425 and PNV 1434 to receive credit for these courses.

Competencies and Suggested Objectives:

1. Develop an understanding of legal and ethical aspects of nursing.
   a. Trace the development of practical nursing education.
   b. Develop basic knowledge concerning the ethical and legal aspects of nursing practice and confidentiality.
   c. List the major provisions of a licensing law for nursing.
   d. Relate provisions of the nurse practice act to your nursing practice.
   e. Define and explain standards of care and patient rights.

   Related Academic Topics (See Appendix A): C1, C3, S8
   Workplace Skills (See Appendix B): WP2, WP6
2. Describe the responsibilities of a practical nurse.
   a. Define and describe common nursing roles for the practical nurse.
   b. Describe systems of nursing care delivery.
   c. Participate in leadership activities provided through student and/or professional organizations.

   Related Academic Topics (See Appendix A): C1, C3, C4, C5, C6, S8
   Workplace Skills (See Appendix B): WP1, WP2, WP3, WP6
3. Discuss the importance of individualized client care.
   a. Explain adaptations of nursing care that may be necessary as a result of patient's religious practices, values, customs, or habits.
   b. Explain the importance of allowing client to talk about his/her feelings.
   c. Identify a consultation/referral/self-help group (e.g., social service, physical therapy, etc.).

d. Explain verbal and nonverbal communication methods.

Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5
Workplace Skills (See Appendix B): WP1, WP2, WP3, WP6

4. Describe the use of the nursing process.
   a. Identify how the five steps of the nursing process are used in nursing practice.
   b. Explain the guidelines for documentation on written patient records.
   c. Use advanced prefixes, suffixes, and abbreviations for selected medical terms.

   Related Academic Topics (See Appendix A): C1, C3, C4, C5, C6
   Workplace Skills (See Appendix B): WP2, WP3, WP6
5. Explain the basic concepts of nursing care.
   a. Identify the components of patient assessment including signs and symptoms and physical assessment.
   b. Discuss the steps to obtain patient vital signs.
   c. Discuss routine laboratory tests and diagnostic procedures.
   d. Discuss the process of patient admission, transfer, and discharge.
   e. Identify the effects of psychosocial, cultural, and family influences on patient health.
   f. Identify signs of infection.
   g. Describe protective body reactions against illness.
   h. Explain how food and fluid intake influence fluid and electrolyte balance.
   i. Explain the importance of patient and family teaching.
   j. Identify guidelines for wound care including the use of bandages and binders.

   Related Academic Topics (See Appendix A): C1, C3, C4, C5, C6, M1, S1, S8
   Workplace Skills (See Appendix B): WP4, WP6
6. Describe the importance of a safe and effective care environment.
   a. Explain the components of medical asepsis.
   b. Discuss safety procedures in patient environment.
   c. Identify guidelines for proper body mechanics.
   d. Identify nursing actions to meet patients' basic hygiene needs.
   e. Identify nursing interventions to promote comfort, confidentiality, privacy, and dignity.
   f. Discuss purpose of documents and legalities including consents, releases, power of attorney, living will, and incident reports.
   g. Explain collection and documentation of specimen collection.

   Related Academic Topics (See Appendix A): C3, S8
   Workplace Skills (See Appendix B): WP6
7. Describe basic nursing procedures related to oxygenation.
   a. Discuss the basic components of oxygen therapy.
   b. Identify equipment used in oxygen therapy.

   Related Academic Topics (See Appendix A): C1, C3, S1, S5, S8
   Workplace Skills (See Appendix B): WP3, WP6

8. Describe basic nursing procedures related to gastrointubation.
   a. Identify guidelines for the care of patients with gastrointestinal tubes.

   Related Academic Topics (See Appendix A): C1, C3, S1, S8
   Workplace Skills (See Appendix B): WP3, WP6
9. Describe basic nursing procedures related to patient mobility.
   a. Identify guidelines for the care of patients experiencing problems of mobility.

   Related Academic Topics (See Appendix A): C1, C3, S1, S8
   Workplace Skills (See Appendix B): WP3, WP6
10. Describe basic nursing procedures related to patient elimination.
   a. Identify guidelines for the care of patients experiencing problems with elimination of bowel and bladder.

   Related Academic Topics (See Appendix A): C1, C3, S1, S8
   Workplace Skills (See Appendix B): WP3, WP6
11. Describe nursing procedures related to the surgical patient.
   a. Recognize factors which affect the individual's ability to tolerate surgical procedures.
   b. Identify assessment factors and interventions for the patient in the perioperative period.
   c. Identify types of wounds and factors that promote or inhibit healing.
   d. Discuss principles of wound care for the postoperative patient.
   e. Explain factors to consider when caring for postoperative drainage tubes.
   f. Explain preoperative and postoperative patient teaching.
   g. Explain the components of surgical asepsis.

   Related Academic Topics (See Appendix A): C1, C3, S1, S8
   Workplace Skills (See Appendix B): WP3, WP6
12. Discuss basic first aid procedures.
   a. Identify the need for emergency interventions.
   b. Discuss basic safety procedures for sudden illness and accidents.

   Related Academic Topics (See Appendix A): C1, C3, S1, S8
   Workplace Skills (See Appendix B): WP3, WP6
13. Discuss principles and nursing care related to death and dying.
   a. Identify the stages of grief and death.
   b. Describe the role of the practical nurse in caring for the dying patient, the family, and/or significant others.
   c. Describe nursing responsibilities in the care of the body after death.
   d. Discuss hospice nursing care.

   Related Academic Topics (See Appendix A): C1, C3, C5, S1, S8
   Workplace Skills (See Appendix B): WP2, WP3, WP6
14. Explain factors which promote the health of the individual and the community.
   a. Discuss the essentials of health maintenance and well-being.
   b. List the major national and international health problems.
   c. Explain services provided by official and unofficial health agencies.

d. Identify community, national, and international health agencies, and list their functions.
e. Discuss safety rules necessary for the maintenance of health relating to: home, job, motor vehicles (car, boat, etc.), recreation, and firearms.
f. Explain the meaning of family, a basic unit in society.

Related Academic Topics (See Appendix A): C1, C3, C4, S1, S8
Workplace Skills (See Appendix B): WP2, WP3, WP6

15. Apply the principles of microbiology and immunology relating to nursing.
    a. Identify the major factors which contribute to disease and illness in mankind including communicable disease.
    b. Explain basic principles of immunology and microbiology relating to nursing.
    c. Identify disease producing microorganisms.
    d. Identify methods of control of undesirable microorganisms.
    e. Identify common immunology tests.

    Related Academic Topics (See Appendix A): C1, S1, S2, S8
    Workplace Skills (See Appendix B): WP3, WP6
16. Demonstrate ability to perform mathematical procedures and conversions.
    a. Perform basic mathematical procedures and conversions among metric, apothecary, and household measurements.

    Related Academic Topics (See Appendix A): C1, C2, C5, M1, M3
    Workplace Skills (See Appendix B): WP6

Course Name: Fundamentals of Nursing Lab

Course Abbreviation: PNV 1434

Classification: Vocational-Technical Core

Description: This course provides demonstrations, supervision, and practice for the student to master fundamental nursing skills. (4 sch: 8 hr. lab)

Prerequisites: Concurrent registration in PNV 1425 is required. It also requires a passing grade in PNV 1425 and PNV 1434 in order to receive credit for these courses.

Competencies and Suggested Objectives:

1. Demonstrate knowledge of the scientific principles and technical skills necessary to perform nursing procedures.
   a. Perform the following nursing procedures satisfactorily under the supervision of the instructor in the skills laboratory and/or clinical situation for patients:
      i. Explain and demonstrate principles of asepsis (medical versus surgical).
      ii. Handwashing.
      iii. Isolation - gowning, bagging, reverse isolation, universal precautions, and OSHA regulations.
      iv. Surgical asepsis - gloving; opening sterile supplies; dressing changing; sterile specimen collection; irrigations and instillations; assist with diagnostic tests and therapeutic treatments; pouring sterile solutions; and set up a sterile field.
      v. Bed-making - closed bed, open bed, occupied bed, postoperative bed, draw sheet and lift sheet, and traction bed.
      vi. Personal care - baths, perineal care, mouth and denture care, hair care and shampoo, fingernail and toenail care, shaving, clothing care, and a.m. and p.m. care.
      vii. Elimination - emesis basin, bed pan, urinal, bedside commode, and toilet seat extension; forcing and restricting fluids; enemas including fleet, oil retention, and Harris flush; rectal tube; and incontinent patient care.
      viii. Body mechanics - turn; logroll, move in bed; move helpless patient in bed; move to a sitting position; commode assistance; ambulatory assistance; transfer patient with transfer board and/or mechanical lifter; and walker, crutch, and cane assistance, wheelchair, stretcher, and range of motion.

ix. Patient positioning including draping - supine, prone, Sim's, knee-chest, lateral, Fowler's, Trendelenberg, lithotomy, and orthopneic.
x. Use bed hardware - footboards, handrails, trochanter rolls, bed cradles, bed boards, and therapeutic beds.
xi. Sitz bath.
xii. Heat treatments - heat lamp, heat pack, heating pad, and aquamatic-K pad.
xiii. Cold treatments - ice cap, collar, or cold compress, hypothermia unit, blanket, and alcohol and tepid baths.
xiv. Tube feedings.
xv. Gastrointestinal tube care, naso-gastric tube insertion and removal, and irrigation.
xvi. Ostomy care - application of appliances, skin care, and irrigation.
xvii. Oxygen therapy care and safety.
xviii. Urinary catheter care - types, catheter drainage bag care, and perineal care.
xix. Bladder irrigation care.
xx. Urine straining.
xxi. Urine specimen collection - clean catch or mid-stream, 24-hour analysis, and labeling.
xxii. Urine testing - Clinitest, Bili-Labstik, Keto-Diastrix, Tes-tape, and Hemastix.
xxiii. Glucose measurement.
xxiv. Vaginal douching.
xxv. Seizure treatment precautions.
xxvi. Protective restraints - soft restraints, padded side rail, geriatric chair, and locked posey.
xxvii. Preoperative care.
xxviii. Postoperative care - turn, cough, and deep breathing.
xxix. Wound drains.
xxx. Binders and bandages - Ace bandage, Scultetus binder, breast binder, flexible abdominal binder, T-binder, sling, and anti-embolism stockings.
xxxi. Fecal impaction - check for and remove.
xxxii. Postmortem care.
xxxiii. Admission and discharge.
xxxiv. Urinary catheterization (male and female).
xxxv. Indwelling catheter removal.
xxxvi. Naso-pharyngeal suctioning.
xxxvii. Suture/staple removal.
xxxviii. Postural drainage.
xxxix. Collection of specimens for culture - wounds, sputum, nose, throat, and stool.

xl. Throat and mouth irrigation.
xli. Respiratory tract suction (oral, nasal, tracheostomy, endotracheal tube, etc.).
xlii. Vital signs.
xliii. Tracheostomy care.
xliv. Assist with diagnostic tests.

b. Demonstrate the performance of scientific principles in specified technical nursing skills in the skills laboratory and/or clinical area.
c. Demonstrate communication techniques designed to reduce anxiety for patients during given situations, such as physical examination, surgery, and isolation.
d. Demonstrate skill in observing, reporting, and recording pertinent information.
e. Demonstrate individual responsibility in evaluating one's own capabilities and limitations, and in seeking appropriate assistance.
f. Demonstrate first aid for sudden illness and accident.

Related Academic Topics (See Appendix A): C1, C2, C3, C5, C6, S1, S2, S8
Workplace Skills (See Appendix B): WP2, WP3, WP4, WP6

Course Name: Geriatric Nursing

Course Abbreviation: PNV 1412

Classification: Vocational-Technical Core

Description: This course uses the nursing process to teach the care of the geriatric patient. Clinical experience in a long term facility is a component of this course. (2 sch: 1 hr. lecture, 3 hr. clinical)

Pre/Corequisites: Completion of Fundamentals of Nursing (PNV 1425) and Fundamentals of Nursing Lab (PNV 1434)

Competencies and Suggested Objectives:

1. Describe the physiological effects of aging.
   a. Describe the changes that occur with aging in intelligence, learning and memory, the body systems, etc.
   b. Provide care to assist in meeting the basic daily living needs of the geriatric patient with common health problems.
   c. Identify evidence of sensory deprivation.
   d. Compare how elders differ from younger individuals in their response to illness, medications, and hospitalization.
   e. Provide care for geriatric patients experiencing common health problems by utilizing knowledge of anatomy and physiology, health, nutrition, and concepts of growth and development.
   f. Apply principles of bladder and bowel retraining for the elderly.
   g. Demonstrate mobility skills necessary for care of a geriatric patient.

   Related Academic Topics (See Appendix A): C1, C2, C3, S1
   Workplace Skills (See Appendix B): WP2
2. Describe the psychosocial effects of aging.
   a. List some of the common myths concerning the elderly.
   b. List community resources that are available to provide assistance to the elderly.
   c. List concerns of the geriatric patient related to mental, emotional, social, and economic adjustments.
   d. Demonstrate ways to preserve dignity and to increase self-esteem of the elderly.
   e. Demonstrate skill in verbal and nonverbal communication with geriatric patients.
   f. Discuss symptoms of depression in geriatric clients relating to their normal neurosensory changes.

   Related Academic Topics (See Appendix A): C2, C3, C4
   Workplace Skills (See Appendix B): WP2, WP4, WP6

Course Name: Medical/Surgical Nursing I

Course Abbreviation: PNV 1615

Classification: Vocational-Technical Core

Description: This course introduces nursing theory for selected medical-surgical disorders. Emphasis is placed on developing and demonstrating an understanding of the role of the practical nurse functioning as an effective team member. (5 sch: 5 hr. lecture)

Prerequisites: Basic Nutrition (PNV 1113), Body Structure and Function (PNV 1213), Growth and Development (PNV 1312), Geriatric Nursing (PNV 1412), Fundamentals of Nursing (PNV 1425), and Fundamentals of Nursing Lab (PNV 1434). Concurrent registration in PNV 1624 is required. It also requires a passing grade in PNV 1615 and PNV 1624 in order to receive credit for these courses.

Competencies and Suggested Objectives:

1. Utilize knowledge of the nursing process to plan care for adult medical-surgical patients.
   a. Discuss the diagnosis, signs and symptoms, treatment, and nursing responsibilities relating to the care of the patient with the following disorders: cancer, neurological, respiratory, cardiovascular, digestive, musculoskeletal, integumentary, and eyes/ears/nose and throat.
   b. Apply knowledge of anatomy and physiology (body function), pharmacology, health, and nutrition to specific medical-surgical conditions.
   c. Develop an individual plan of care for patients with selected medical-surgical conditions.
   d. Identify/discuss appropriate nursing measures used in any three given emergency situations.
   e. Describe skin tests for allergy, tuberculosis, etc.
   f. Identify the role of the practical nurse in the management of long-term central or implanted vascular devices (e.g., Hickman catheter).
   g. Discuss problems within a family which could impact on patient well-being.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, S1, S8
   Workplace Skills (See Appendix B): WP1, WP2, WP3, WP4, WP5, WP6

Course Name: Medical/Surgical Nursing Lab and Clinical I

Course Abbreviation: PNV 1624

Classification: Vocational-Technical Core

Description: This course includes supervised laboratory and clinical experiences for application of medical/surgical theory and the development of skill and the use of nursing process. (4 sch: 2 hr. lab, 9 hr. clinical)

Prerequisites: Basic Nutrition (PNV 1113), Body Structure and Function (PNV 1213), Growth and Development (PNV 1312), Geriatric Nursing (PNV 1412), Fundamentals of Nursing (PNV 1425), and Fundamentals of Nursing Lab (PNV 1434). Concurrent registration in PNV 1615 is required. It also requires a passing grade in PNV 1615 and PNV 1624 in order to receive credit for these courses.

Competencies and Suggested Objectives:

1. Utilize knowledge of the nursing process to care for adult medical-surgical patients.
    a. Perform the following advanced medical-surgical skills:
        i. Neuro checks and seizure care
        ii. Skeletal/skin traction monitoring
        iii. Cast care and observation
        iv. Drainage tube care
        v. Cardiac monitor electrode attachment
        vi. Wound irrigations
        vii. Insert naso-gastric tube
        viii. Walker
        ix. Prosthesis use
        x. Control rate/amount of tube feeding based on response.
        xi. Application of splint or brace
        xii. Peripheral venipuncture for specimen collection
        xiii. Breast examination
        xiv. Testicle examination
    b. Provide nursing care for adult patients experiencing needs related to common medical-surgical problems for the following systems including diagnostic tests:
        i. Neurological
        ii. Respiratory
        iii. Cardiovascular
        iv. Digestive
        v. Musculoskeletal

vi. Integumentary
vii. Eyes, ears, nose, and throat

c. Calculate and administer medication.
d. Demonstrate ability to care for a patient receiving IV fluids.

Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, M1, S1, S8

Workplace Skills (See Appendix B): WP2, WP3, WP6

Course Name: Medical/Surgical Nursing II

Course Abbreviation: PNV 1633

Classification: Vocational-Technical Core

Description: In this course, the student utilizes the nursing process to assist in meeting daily needs of patients with selected medical-surgical problems. The course introduces nursing theory for selected medical-surgical disorders and nursing skills are introduced. Emphasis is placed on developing and demonstrating an understanding of the role of the practical nurse functioning as an effective team member. (3 sch: 3 hr. lecture)

Prerequisites: Concurrent registration in PNV 1644 is required. It also requires a passing grade in PNV 1633 and PNV 1644 in order to receive credit for these courses.

Competencies and Suggested Objectives:

1. Utilize knowledge of the nursing process to care for adult medical-surgical patients.
   a. Discuss the diagnosis, signs and symptoms, treatment, and nursing responsibility related to the care of the patient with the following disorders:
      i. Urological
      ii. Endocrine
      iii. Reproductive
   b. Develop an individual plan of care for patient with selected medical-surgical conditions.
   c. Discuss the care for a patient with vascular access for hemodialysis (e.g., A.V. shunt, fistula, etc.)
   d. Discuss peritoneal dialysis.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, S1
   Workplace Skills (See Appendix B): WP1, WP2, WP3, WP4, WP6

Course Name: Medical/Surgical Nursing Lab and Clinical II

Course Abbreviation: PNV 1644

Classification: Vocational-Technical Core

Description: This course includes supervised clinical experience for application of medical/surgical theory. Develop skill in the nursing process by applying principles and knowledge gained in preceding courses. (4 sch: 2 hr. lab, 9 hr. clinical)

Prerequisites: All first semester PNV courses. Concurrent registration in PNV 1633 is required. It also requires a passing grade in PNV 1633 and PNV 1644 in order to receive credit for these courses.

Competencies and Suggested Objectives:

1. Utilize knowledge of the nursing process to care for adult medical-surgical patients.
   a. Perform the procedures used in providing the following advanced medical-surgical skills:
      i. Drainage tube care
      ii. Post-mastectomy exercises
      iii. Wound irrigation
   b. Demonstrate knowledge of procedures used for handling biohazardous materials (e.g., chemotherapeutic agents, radiation therapy, etc.).
   c. Provide nursing care for adult patients experiencing needs related to common medical-surgical problems for the following systems including diagnostic tests:
      i. Urological
      ii. Endocrine
      iii. Reproductive
   d. Calculate and administer medication.
   e. Demonstrate ability to care for a patient/client receiving intravenous fluids:
      i. Observe for signs of infiltration (record and report).
      ii. Monitor and regulate rate of plain fluids.
      iii. Discontinue fluids.
      iv. Clear the line (pump).
      v. Switch the drop sensor from secondary back to primary plain fluid.
      vi. Calculate IV rate accurately.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, M1, S1, S8

   Workplace Skills (See Appendix B): WP2, WP3, WP6

Course Name: Pharmacology

Course Abbreviation: PNV 1513

Classification: Vocational-Technical Core

Description: This course is designed to provide the student with appropriate basic theoretical and clinical information related to drugs, including: classifications, sources, dosages, and measurements, regulatory requirements and basic principles of drug administration. (3 sch: 2 hr. lecture, 2 hr. lab)

Prerequisites: All first semester PNV courses

Competencies and Suggested Objectives:

1. Explain the principles of pharmacology including terminology, drug dosages, actions, and interactions.
   a. Identify legal aspects of drug control and administration.
   b. Use major drug publications for obtaining drug information such as: classification, mode of action, side effect, nursing implications, and generic name.
   c. Identify the classifications of drugs and the nursing implications of each.
   d. Determine client's use of home remedies and over-the-counter drugs.
   e. Monitor blood levels of medications.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6
   Workplace Skills (See Appendix B): WP2, WP3, WP6
2. Calculate drug dosages.
   a. Calculate accurately drug dosage using formulas and conversions among metric, apothecary, and household measurements.

   Related Academic Topics (See Appendix A): C1, C5, M1
   Workplace Skills (See Appendix B): WP2, WP6
3. Apply principles and practices of medication administration.
   a. Transcribe a physician's orders.
   b. Demonstrate knowledge of the responsibilities and limitations of the practical nurse in the administration of medication.
   c. Using the five rights, demonstrate the following methods of drug administration in mock laboratory practices:
      i. Oral/NG/PEG
      ii. Intramuscular
      iii. Subcutaneous
      iv. Intradermal
      v. Suppository
      vi. Instillations
         (1) Eye

(2) Ear
(3) Nose
(4) Buccal
(5) Rectal
(6) Vaginal
(7) Urethral

vii. Sublingual
viii. Topical

d. Demonstrate skills in administering Z-track injections in the skills laboratory including identifying correct site, angle of administration, proper selection of equipment, and maintenance of asepsis.
e. Identify the special considerations in administration of medications to pediatric and geriatric patients.
f. Identify interactions of specific medications, food, and fluids.
g. Evaluate need for PRN medications.
h. Instruct patient in self-administration of prescribed medications.
i. Evaluate for side effects or adverse reactions to medication.
j. Describe immediate measures of first aid to counteract the effects of poisons or the side effects of medications.
k. Evaluate medication orders for possible revision or discontinuance.

Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, M1, S8
Workplace Skills (See Appendix B): WP2, WP3, WP6

Course Name: Maternal-Child Nursing

Course Abbreviation: PNV 1717

Classification: Vocational-Technical Core

Description: This course uses the nursing process to teach care for the expectant mother from conception to delivery, including newborn, child, and the family unit during normal and complicated conditions. Clinical experience includes perinatal labor and delivery, postpartum, newborn, and pediatrics. (7 sch: 4 hr. lecture, 9 hr. clinical)

Prerequisites: All first semester PNV courses

Competencies and Suggested Student Objectives:

1. Demonstrate knowledge of maternal health care using the nursing process.
   a. Discuss current trends in maternal-infant care as it relates to the following:
      i. Changing family roles
      ii. Nursing roles
      iii. Delivery techniques
      iv. Conception methods
      v. Prepared childbirth
   b. Describe the physical and psychological changes which occur during the ante-partal, labor and delivery, and post-partal periods.
   c. Identify nursing care for health problems associated with the physical and psychological changes which occur during the ante-partal, labor and delivery, and postpartum periods.
   d. Identify lifestyle patterns which pose a risk to the unborn child.
   e. Describe current methods used in assessment of fetal status during pregnancy and labor.
   f. Identify the nursing care for each stage of labor.
   g. Describe current methods used in assessment of maternal contractions in labor.
   h. Evaluate physical and emotional complications of the mother following delivery, immediate and otherwise.
   i. Demonstrate appropriate breathing techniques and exercises used by the obstetrics patient.
   j. Evaluate client's attitudes toward and use of birth control methods.
   k. Describe problems related to infertility.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, S1, S8
   Workplace Skills (See Appendix B): WP2, WP3, WP6

2. Demonstrate knowledge of pediatric health care using the nursing process.
   a. Discuss assessment and care during the neonatal period including:
      i. Apgar scoring
      ii. Instillation of eye drops
      iii. Weighing
      iv. Bathing
      v. Cord care
      vi. Circumcision care
      vii. Vital signs
      viii. Breast and bottle feeding
   b. Using the nursing process, plan and evaluate care for the newborn with complications:
      i. Chemical dependency
      ii. HIV infected
      iii. Acquired birth injuries
      iv. Orphaned infants
      v. Congenital anomalies
         (1) Hydrocephalus
         (2) Spina bifida
         (3) Infant Respiratory Distress Syndrome
         (4) Congenital heart defects
         (5) Tracheal-Esophageal Fistula
         (6) Gastroschisis
         (7) Hypospadias
         (8) Congenital Hip Dysplasia
         (9) Club foot
         (10) Phenyl Ketonuria
         (11) Cleft lip/Cleft palate
         (12) Hydrocele
         (13) Undescended testes
         (14) Down's Syndrome
         (15) Erythroblastosis Fetalis
      vi. Prematurity
      vii. Infections
         (1) Impetigo
         (2) Staphylococcus aureus
         (3) Thrush
         (4) Sepsis
         (5) Infectious diarrhea
   c. Describe the signs and symptoms, diagnostic tests, treatment and nursing care for diseases and conditions unique to pediatric patients including:
      i. Cystic Fibrosis
      ii. SIDS
      iii. Failure to Thrive

iv. Child Abuse and Neglect
v. Accidental Poisonings
vi. Bronchiolitis
vii. Pediculosis
viii. Reye's Syndrome
ix. Umbilical Hernia
x. Pyloric Stenosis
xi. Intussusception
xii. Legg-Calve-Perthes Disease
xiii. Attention Deficit/Hyperactivity Disorder
xiv. Infantile Eczema
xv. Pinworms
xvi. Croup
xvii. Epiglottitis
xviii. Wilm's Tumor

d. Calculate and administer medicines for pediatric and obstetrical patients.
e. Utilize effective communication with pediatric patients and their families.
f. Apply the knowledge of anatomy and physiology, pharmacology, health, nutrition, and growth and development in planning care of the pediatric patient.
g. Implement a nursing care plan to meet the needs of a pediatric patient with common health problems.
h. Explain the value of play therapy in relation to physical and psychological care of the ill child.
i. Apply scientific principles in adapting and performing basic nursing skills necessary for care of a pediatric patient.

Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, M1, S1, S8
Workplace Skills (See Appendix B): WP2, WP3, WP6

3. Demonstrate knowledge of family adaptations.
   a. Implement nursing care during the postpartum period to include bonding and parenting skills.
   b. Explain the importance of safety measures and education related to the ill child.
   c. Identify indicators of dysfunctional relationships, of abuse (including verbal, physical, and neglect), and of substance abuse that should be reported to appropriate authorities.
   d. Describe procedures used to report to appropriate authorities indications of dysfunctional relationships, abuse, and substance abuse.
   e. Using nursing process, instruct parent(s) about infant feeding procedures/techniques (e.g., breast feeding, formula, etc.), nutrition, immunization, and safety.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6, S1, S8
   Workplace Skills (See Appendix B): WP2, WP3, WP6

Course Name: Psychiatric Concepts

Course Abbreviation: PNV 1813

Classification: Vocational-Technical Core

Description: This course provides an introduction to mental health concepts. Emphasis is placed on normal as well as abnormal behavior in application of principles of effective therapeutic communication. Clinical experience will provide application of previously learned theory. (3 sch: 2 hr. lecture, 3 hr. clinical)

Prerequisites: First semester PNV courses

Competencies and Suggested Student Objectives:

1. Utilize basic principles of mental health.
   a. Apply the nursing process in assessing the daily basic needs for the psychiatric patient with common mental health problems.
   b. Apply knowledge of anatomy and physiology, pharmacology, health, nutrition, treatments, and concepts of growth and development to planning and providing care for the psychiatric patient.
   c. Develop a nursing care plan for a patient with common mental health problems.
   d. Develop a plan to improve the effectiveness of a client's coping methods.
   e. Compare client's behavioral characteristics to acceptable behavior.
   f. Discuss behavior modification techniques with client.
   g. Develop a plan to emphasize the strengths of a client with low self-esteem.
   h. Discuss ways to encourage clients to persist with therapy.
   i. Identify defense mechanisms used by the client to cope with life stressors.

   Related Academic Topics (See Appendix A): C1, C3, C4, C5, C6, S1, S8
   Workplace Skills (See Appendix B): WP2, WP3, WP6
2. Utilize psychiatric therapeutic modalities.
   a. Utilize therapeutic and non-therapeutic communication techniques.
   b. Describe community resources available to assist a person with common mental health disorders.
   c. Describe the various types of treatment modalities available for patients with emotional problems.
   d. Describe methods to determine client's potential for violence to self or others.
   e. Assess the environment of a suicidal client for potential hazards.
   f. Plan measures to control or help a client to control disruptive behavior.
   g. Evaluate methods of intervention for suspected victims of abuse.

h. Evaluate the patient's emotional support system.

Related Academic Topics (See Appendix A): C1, C3, C4, C5, C6, S8
Workplace Skills (See Appendix B): WP3, WP6

3. Apply information about addictive/dependent behaviors.
   a. Record client behavior to include substance abuse disorders.
   b. Assess methods or intervention for a client with drug/alcohol problem.

   Related Academic Topics (See Appendix A): C1, C3, C6, S8
   Workplace Skills (See Appendix B): WP3, WP6
4. Apply information about psychosocial disorders.
   a. Record client behaviors to include the following disorders:
      i. Schizophrenic disorders
      ii. Personality disorders
      iii. Antisocial disorders
      iv. Neurotic disorders
      v. Psychosomatic disorders
      vi. Mental retardation
      vii. Substance abuse
      viii. Suicidal behavior
      ix. Anxiety disorders
      x. Aggressive behavior
   b. Teach a client early signs and symptoms of recurring depression.
   c. Teach the family of an emotionally disturbed client techniques for managing behavior.

   Related Academic Topics (See Appendix A): C1, C3, S8
   Workplace Skills (See Appendix B): WP3, WP6

Course Name: Nursing Transition

Course Abbreviation: PNV 1912

Classification: Vocational-Technical Core

Description: This course further develops decision making skills and promotes an interest in continued professional development. Legal aspects of nursing and employment opportunities and responsibilities as well as preparation for the State Board Exam will be included. (2 sch: 1 hr. lecture, 3 hr. clinical)

Prerequisites: All first semester PNV courses

Competencies and Suggested Objectives:

1. Apply professional development concepts.
   a. Identify the nursing organizations that the practical nurse may join.
   b. Explain the value of being a member of each of the nursing organizations available to practical nurses.
   c. Identify factors promoting a smoother transition from the role of student to graduate and employee.
   d. Complete evaluations including self-evaluation and program/faculty evaluations.
   e. Develop teaching materials utilizing knowledge of client's background and resources.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6
   Workplace Skills (See Appendix B): WP2, WP3, WP6
2. Explain legal aspects of nursing.
   a. Describe the Nurse Practice Act and how it relates to the practical nurse and protects the public.
   b. List the composition and responsibilities of the Board of Nursing.
   c. Define the Good Samaritan Act.
   d. List reasons the State Board of Nursing could revoke a nursing license.
   e. List criteria for licensure and reciprocity endorsement.
   f. Prepare state board exam and National Council Licensure Examination (NCLEX) applications.

   Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6
   Workplace Skills (See Appendix B): WP2, WP6
3. Utilize employability skills.
   a. List areas of employment available for the practical nurse.
   b. Discuss responsibilities and characteristics related to career success.
   c. Prepare a resume, letter of application, and letter of resignation.

d. List "do's" and "don't's" of job interviews.
e. Demonstrate the role of an applicant in a job interview.

Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6
Workplace Skills (See Appendix B): WP2, WP6

4. Demonstrate the role of an entry level LPN.
   a. Compare the common job responsibilities of an entry level LPN in various health care settings.

Related Academic Topics (See Appendix A): C1, C2, C3, C4, C5, C6
Workplace Skills (See Appendix B): WP2, WP6

SECTION III:

RECOMMENDED TOOLS AND EQUIPMENT

RECOMMENDED TOOLS AND EQUIPMENT FOR PRACTICAL NURSING

Capitalized Item(s)

1. Bed, Hospital Electric w/siderails (1 per 2 students)
2. Bed, Hospital Manual (1 per 2 students)
3. Cabinet, File Lateral w/Lock (3 per instructor)
4. Cart, Medication (1 per 15 students)
5. Curtain, Privacy Ceiling or Wall Mounted (1 per bed)
6. Doppler (1 per program)
7. Lift, Mechanical patient with sling (1 per program)
8. Manikin (1 per 3 students)
9. Monitor, Blood Glucose (1 per program)
10. Pump, Enteral feeding (1 per program)
11. Pump, IV (1 per program)
12. Scales (1 per program)
13. Simulator, Bandaging (1 per 6 students)
14. Simulator, Female Catheterization (1 per 6 students)
15. Simulator, Male Catheterization (1 per 6 students)
16. Simulator, Injection (1 per 6 students)
17. Sink for Lab (2 per program)
18. Sphygmomanometer, Hand Held (1 per 3 students)
19. Stretcher (1 per program)
20. Table, Bedside (1 per bed)
21. Table, Overbed (1 per bed)
22. Thermometer, Digital (1 per program)
23. Thermometer, Tympanic (1 per program)
24. Wheelchair (1 per program)
25. IV arms (3 per 15 students)
26. Breast Models (1 per program)
27. Testicular Models (1 per program)
28. Baby Crib (1 per program)
29. Bassinet (1 per program)
30. Chart Rack/Nursing Desk (1 per program)
31. Charts, Patient (1 dozen per program)

Non-Capitalized Item(s)

1. Basin, Bath (1 per 2 students)
2. Basin, Emesis (1 per bed)
3. Bed Pan, Regular (1 per bed)
4. Bedspread (1 per bed)
5. Belts, Gait (1 per program)
6. Blankets (4 dozen per program)
7. Cloth Wrappers (Sterile) (6 per program)
8. Commode, Bedside (1 per program)
9. Containers, Sharps (2 per lab)
10. Cover, Plastic Pillowcase (1 per pillow)
11. Crutches (pair) (1 per program)
12. Dispenser, Paper Towel (2 per program)
13. Dispenser, Soap (Wall Mounted) (2 per program)
14. Drawsheets (4 dozen per program)
15. Forceps (6 per program)
16. Forceps Holder (6 per program)
17. Forceps, Thumb (1 per program)
18. Forceps, Tissue (1 per program)
19. Goggles, Safety (1 per student)
20. Gowns, Hospital (2 dozen per program)
21. Hamper, Bags (6 per program)
22. Hamper, Stand (2 per program)
23. Lamp, Examining (1 per program)
24. Mattress, Hospital Bed (1 per bed)
25. Pillow, Standard Size (1 per bed)
26. Pillowcases (4 dozen per program)
27. Pitcher, Graduated (2 per program)
28. Restraint, Wrist (1 pair per program)
29. Sheets, Twin (4 dozen per program)
30. Scissors, Bandage (6 per program)
31. Scissors, Suture (6 per program)
32. Speculums (1 per program)
33. Sphygmomanometer, Wall Mount (10 per class)
34. Stand, IV (2 per 15 students)
35. Stethoscope (1 per student)
36. Tissues (as needed)
37. Towels, Bath (4 dozen per program)
38. Towels, Green Surgical (6 per program)
39. Tray, Instrument (6 per program)
40. Tray, Metal (6 per program)
41. Tray, Shampoo (1 per program)
42. Thermometer, Bath (1 per 4 students)

43. Thermometer, Glass (2 dozen per program)
44. Thermometer Holders (6 per program)
45. Urinal (2 per program)
46. Vest, Safety (1 per program)
47. Walker (1 per program)
48. Wash Cloth (4 dozen per program)
49. Water Pitcher (1 per bed)
50. Water Tumbler (1 per bed)
51. Sitz Bath, portable (1 per class)

INSTRUCTIONAL AIDS

1. Cart, TV-VCR
2. Charts, Anatomical
3. Computer
4. Dental Clean Mouth Hygiene
5. Manikin, Obstetrical
6. Printer, Laser
7. Projector, Overhead
8. Skeleton, Lifesize
9. TV Color 25"
10. Torso, Anatomical Teaching Model
11. VCR
12. Bed Pan, Fracture
13. Dictionary, Taber's Medical
14. Sphygmomanometer, Accessories
15. Splints 18"
16. Stethoscope, Teaching

VIDEOS AND SOFTWARE: (1 of each per program)

Basic Nursing Skills Series ($5,000 Videos)
Nutrition, Carbohydrates, Fats, Proteins, Vitamins, Minerals
Body Structure and Function Series (10 Systems)
Child Development Series
Legal/Ethical Series (Law)
Employability Skills
Medical Surgical Nursing Series
Universal Precautions
American Heart CPR Series
Obstetrics Series
Psychiatric Concepts Series
Pharmacology

Administration of Medication (IM, Oral)
Administration of Medication (Supp., Subc., and Tube)
NCLEX (CAT)
Health Issues/Micro
Communication Concepts
Medical Terminology
Pediatric Nursing Series
Board Prep Review Series

APPENDIX A:

RELATED ACADEMIC TOPICS

APPENDIX A

RELATED ACADEMIC TOPICS FOR COMMUNICATIONS

C1 Interpret written material.
C2 Interpret visual materials (maps, charts, graphs, tables, etc.).
C3 Listen, comprehend, and take appropriate actions.
C4 Access, organize, and evaluate information.
C5 Use written and/or oral language skills to work cooperatively to solve problems, make decisions, take actions, and reach agreement.
C6 Communicate ideas and information effectively using various oral and written forms for a variety of audiences and purposes.

EXPANDED TOPICS FOR COMMUNICATIONS

TOPIC C1: Interpret written material.

C1.01 Read and follow complex written directions.
C1.02 Recognize common words and meanings associated with a variety of occupations.
C1.03 Adjust reading strategy to purpose and type of reading.
C1.04 Use sections of books and reference sources to obtain information.
C1.05 Compare information from multiple sources and check validity.
C1.06 Interpret items and abbreviations used in multiple forms.
C1.07 Interpret short notes, memos, and letters.
C1.08 Comprehend technical words and concepts.
C1.09 Use various reading techniques depending on purpose for reading.
C1.10 Find, read, understand, and use information from printed matter or electronic sources.

TOPIC C2: Interpret visual materials (maps, charts, graphs, tables, etc.).

C2.01 Use visuals in written and in oral presentations.
C2.02 Recognize visual cues to meaning (layout, typography, etc.).
C2.03 Interpret and apply information using visual materials.

TOPIC C3: Listen, comprehend, and take appropriate action.

C3.01 Identify and evaluate orally-presented messages according to purpose.
C3.02 Recognize barriers to effective listening.
C3.03 Recognize how voice inflection changes meaning.
C3.04 Identify speaker signals requiring a response and respond accordingly.
C3.05 Listen attentively and take accurate notes.
C3.06 Use telephone to receive information.

C3.07 Analyze and distinguish information from formal and informal oral presentations.

TOPIC C4: Access, organize, and evaluate information.

C4.01 Distinguish fact from opinion.
C4.02 Use various print and non-print sources for specialized information.
C4.03 Interpret and distinguish between literal and figurative meaning.
C4.04 Interpret written or oral communication in relation to context and writer's point of view.
C4.05 Use relevant sources to gather information for written or oral communication.

TOPIC C5: Use written and/or oral language skills to work cooperatively to solve problems, make decisions, take actions, and reach agreement.

C5.01 Select appropriate words for communication needs.
C5.02 Use reading, writing, listening, and speaking skills to solve problems.
C5.03 Compose inquiries and requests.
C5.04 Write persuasive letters and memos.
C5.05 Edit written reports, letters, memos, and short notes for clarity, correct grammar, and effective sentences.
C5.06 Write logical and understandable statements, phrases, or sentences for filling out forms, for correspondence or reports.
C5.07 Write directions or summaries of processes, mechanisms, events, or concepts.
C5.08 Select and use appropriate formats for presenting reports.
C5.09 Convey information to audiences in writing.
C5.10 Compose technical reports and correspondence that meet accepted standards for written communications.

TOPIC C6: Communicate ideas and information using oral and written forms for a variety of audiences and purposes.

C6.01 Give complex oral instructions.
C6.02 Describe a business or industrial process/mechanism.
C6.03 Participate effectively in group discussions and decision making.
C6.04 Produce effective oral messages utilizing different media.
C6.05 Explore ideas orally with partners.
C6.06 Participate in conversations by volunteering information when appropriate and asking relevant questions when appropriate.
C6.07 Restate or paraphrase a conversation to confirm one's own understanding.
C6.08 Gather and provide information utilizing different media.

C6.09 Prepare and deliver persuasive, descriptive, and demonstrative oral presentations.

RELATED ACADEMIC TOPICS FOR MATHEMATICS

M1 Relate number relationships, number systems, and number theory.
M2 Explore patterns and functions.
M3 Explore algebraic concepts and processes.
M4 Explore the concepts of measurement.
M5 Explore the geometry of one-, two-, and three-dimensions.
M6 Explore concepts of statistics and probability in real world situations.
M7 Apply mathematical methods, concepts, and properties to solve a variety of real-world problems.

EXPANDED TOPICS FOR MATHEMATICS

TOPIC M1: Relate number relationships, number systems, and number theory.

M1.01 Understand, represent, and use numbers in a variety of equivalent forms (integer, fraction, decimal, percent, exponential, and scientific notation) in real world and mathematical problem situations.
M1.02 Develop number sense for whole numbers, fractions, decimals, integers, and rational numbers.
M1.03 Understand and apply ratios, proportions, and percents in a wide variety of situations.
M1.04 Investigate relationships among fractions, decimals, and percents.
M1.05 Compute with whole numbers, fractions, decimals, integers, and rational numbers.
M1.06 Develop, analyze, and explain procedures for computation and techniques for estimations.
M1.07 Select and use an appropriate method for computing from among mental arithmetic, paper-and-pencil, calculator, and computer methods.
M1.08 Use computation, estimation, and proportions to solve problems.
M1.09 Use estimation to check the reasonableness of results.

TOPIC M2: Explore patterns and functions.

M2.01 Describe, extend, analyze, and create a wide variety of patterns.
M2.02 Describe and represent relationships with tables, graphs, and rules.
M2.03 Analyze functional relationships to explain how a change in one quantity results in a change in another.
M2.04 Use patterns and functions to represent and solve problems.
M2.05 Explore problems and describe results using graphical, numerical, physical, algebraic, and verbal mathematical models or representations.

M2.06 Use a mathematical idea to further their understanding of other mathematical ideas.
M2.07 Apply mathematical thinking and modeling to solve problems that arise in other disciplines, such as art, music, and business.

TOPIC M3: Explore algebraic concepts and processes.

M3.01 Represent situations and explore the interrelationships of number patterns with tables, graphs, verbal rules, and equations.
M3.02 Analyze tables and graphs to identify properties and relationships and to interpret expressions and equations.
M3.03 Apply algebraic methods to solve a variety of real world and mathematical problems.

TOPIC M4: Explore the concepts of measurement.

M4.01 Estimate, make, and use measurements to describe and compare phenomena.
M4.02 Select appropriate units and tools to measure to the degree of accuracy required in a particular situation.
M4.03 Extend understanding of the concepts of perimeter, area, volume, angle measure, capacity, and weight and mass.
M4.04 Understand and apply reasoning processes, with special attention to spatial reasoning and reasoning with proportions and graphs.

TOPIC M5: Explore the geometry of one-, two-, and three-dimensions.

M5.01 Identify, describe, compare, and classify geometric figures.
M5.02 Visualize and represent geometric figures with special attention to developing spatial sense.
M5.03 Explore transformations of geometric figures.
M5.04 Understand and apply geometric properties and relationships.
M5.05 Classify figures in terms of congruence and similarity and apply these relationships.

TOPIC M6: Explore the concepts of statistics and probability in real world situations.

M6.01 Systematically collect, organize, and describe data.
M6.02 Construct, read, and interpret tables, charts, and graphs.
M6.03 Develop an appreciation for statistical methods as powerful means for decision making.
M6.04 Make predictions that are based on exponential or theoretical probabilities.

M6.05 Develop an appreciation for the pervasive use of probability in the real world.

TOPIC M7: Apply mathematical methods, concepts, and properties to solve a variety of real-world problems.

M7.01 Use computers and/or calculators to process information for all mathematical situations.
M7.02 Use problem-solving approaches to investigate and understand mathematical content.
M7.03 Formulate problems from situations within and outside mathematics.
M7.04 Generalize solutions and strategies to new problem situations.

RELATED ACADEMIC TOPICS FOR SCIENCE

S1 Explain the Anatomy and Physiology of the human body.
S2 Apply the basic biological principles of Plants, Viruses and Monerans, Algae, Protista, and Fungi.
S3 Relate the nine major phyla of the kingdom anomaly according to morphology, anatomy, and physiology.
S4 Explore the chemical and physical properties of the earth to include Geology, Meteorology, Oceanography, and the Hydrologic Cycle.
S5 Investigate the properties and reactions of matter to include symbols, formulas and nomenclature, chemical equations, gas laws, chemical bonding, acid-base reactions, equilibrium, oxidation-reduction, nuclear chemistry, and organic chemistry.
S6 Explore the principles and theories related to motion, mechanics, electricity, magnetism, light energy, thermal energy, wave energy, and nuclear physics.
S7 Explore the principles of genetic and molecular Biology to include the relationship between traits and patterns of inheritance, population genetics, the structure and function of DNA, and current applications of DNA technology.
S8 Apply concepts related to the scientific process and method to include safety procedures for classroom and laboratory; use and care of scientific equipment; interrelationships between science, technology and society; and effective communication of scientific results in oral, written, and graphic form.

EXPANDED TOPICS FOR SCIENCE

TOPIC S1: Explain the Anatomy and Physiology of the human body.

S1.01 Recognize common terminology and meanings.
S1.02 Explore the relationship of the cell to more complex systems within the body.

S1.03 Summarize the functional anatomy of all the major body systems.
S1.04 Relate the physiology of the major body systems to its corresponding anatomy.
S1.05 Compare and contrast disease transmission and treatment within each organ system.
S1.06 Explore the usage of medical technology as related to human organs and organ systems.
S1.07 Explain the chemical composition of body tissue.

TOPIC S2: Apply the basic biological principles of Plants, Viruses and Monerans, Algae, Protista, and Fungi.

S2.01 Identify the major types and structures of plants, viruses, monera, algae protista, and fungi.
S2.02 Explain sexual and asexual reproduction.
S2.03 Describe the ecological importance of plants as related to the environment.
S2.04 Analyze the physical chemical and behavioral process of a plant.

TOPIC S3: Relate the nine major phyla of the kingdom anomaly according to morphology, anatomy, and physiology.

S3.01 Explain the morphology, anatomy, and physiology of animals.
S3.02 Describe the characteristics, behaviors, and habitats of selected animals.

TOPIC S4: Explore the chemical and physical properties of the earth to include Geology, Meteorology, Oceanography, and the Hydrologic Cycle.

S4.01 Examine minerals and their identification, products of the rock cycle, byproducts of weathering, and the effects of erosion.
S4.02 Relate the Hydrologic Cycle to include groundwater its zones, movement, and composition; surface water systems, deposits, and runoff.
S4.03 Consider the effects of weather and climate on the environment.
S4.04 Examine the composition of seawater; wave, tides, and currents; organisms, environment, and production of food; energy, food and mineral resources of the oceans.

TOPIC S5: Investigate the properties and reactions of matter to include symbols, formulas and nomenclature, chemical equations, gas laws, chemical bonding, acid-base reactions, equilibrium, oxidation-reduction, nuclear chemistry, and organic chemistry.

S5.01 Examine the science of chemistry to include the nature of matter, symbols, formulas and nomenclature, and chemical equations.

S5.02 Identify chemical reactions including precipitation, acids-bases, and reduction-oxidation.
S5.03 Explore the fundamentals of chemical bonding and principles of equilibrium.
S5.04 Relate the behavior of gases.
S5.05 Investigate the structure, reactions, and uses of organic compounds; and investigate nuclear chemistry and radiochemistry.

TOPIC S6: Explore the principles and theories related to motion, mechanics, electricity, magnetism, light energy, thermal energy, wave energy, and nuclear physics.

S6.01 Examine fundamentals of motion of physical bodies and physical dynamics.
S6.02 Explore the concepts and relationships among work, power, and energy.
S6.03 Explore principles, characteristics, and properties of electricity, magnetism, light energy, thermal energy, and wave energy.
S6.04 Identify principles of modern physics related to nuclear physics.

TOPIC S7: Explore the principles of genetic and molecular Biology to include the relationship between traits and patterns of inheritance; population genetics, the structure and function of DNA, and current applications of DNA technology.

S7.01 Examine principles, techniques, and patterns of traits and inheritance in organisms.
S7.02 Apply the concept of population genetics to both microbial and multicellular organism.
S7.03 Identify the structure and function of DNA and the uses of DNA technology in science, industry, and society.

TOPIC S8: Apply concepts related to the scientific process and method to include safety procedures for classroom and laboratory; use and care of scientific equipment; interrelationships between science, technology and society; and effective communication of scientific results in oral, written, and graphic form.

S8.01 Apply the components of scientific processes and methods in classroom and laboratory investigations.
S8.02 Observe and practice safe procedures in the classroom and laboratory.
S8.03 Demonstrate proper use and care for scientific equipment.
S8.04 Investigate science careers, and advances in technology.
S8.05 Communicate results of scientific investigations in oral, written, and graphic form.

APPENDIX B:

WORKPLACE SKILLS

APPENDIX B
WORKPLACE SKILLS FOR THE 21ST CENTURY

WP1 Allocates resources (time, money, materials and facilities, and human resources).

WP2 Acquires, evaluates, organizes and maintains, and interprets/communicates information, including the use of computers.

WP3 Practices interpersonal skills related to careers including team member participation, teaching other people, serving clients/customers, exercising leadership, negotiation, and working with culturally diverse.

WP4 Applies systems concept including basic understanding, monitoring and correction system performance, and designing and improving systems.

WP5 Selects, applies, and maintains/troubleshoots technology.

WP6 Employs thinking skills including creative thinking, decision making, problem solving, reasoning, and knowing how to learn.

APPENDIX C:

STUDENT COMPETENCY PROFILE

STUDENT COMPETENCY PROFILE

Student: _____

This record is intended to serve as a method of noting student achievement of the competencies in each course. It can be duplicated for each student and serve as a cumulative record of competencies achieved in the program

In the blank before each competency, place the date on which the student mastered the competency.

Basic Nutrition (PNV 1113)

_____ 1. Apply principles of basic nutrition that promote and maintain health.
_____ 2. Apply principles of diet therapy.

Body Structure and Function (PNV 1213)

_____ 1. Explain the integrated structures and function of body systems including cells, tissues, organs, and systems as they relate to physiologic integrity.

Growth and Development (PNV 1312)

_____ 1. Explain the normal developmental processes of humans throughout the lifespan including physical, emotional, social, and intellectual aspects.
_____ 2. Integrate the knowledge of human growth and development as it relates to family dynamics.

Fundamentals of Nursing (PNV 1425)

_____ 1. Develop an understanding of legal and ethical aspects of nursing.
_____ 2. Describe the responsibilities of a practical nurse.
_____ 3. Discuss the importance of individualized client care.
_____ 4. Describe the use of the nursing process.
_____ 5. Explain the basic concepts of nursing care.
_____ 6. Describe the importance of a safe and effective care environment.
_____ 7. Describe basic nursing procedures related to oxygenation.
_____ 8. Describe basic nursing procedures related to gastrointubation.
_____ 9. Describe basic nursing procedures related to patient mobility.
_____ 10. Describe basic nursing procedures related to patient elimination.
_____ 11. Describe nursing procedures related to the surgical patient.
_____ 12. Discuss basic first aid procedures..

_____ 13. Discuss principles and nursing care related to death and dying.
_____ 14. Explain factors which promote the health of the individual and the community.
_____ 15. Apply the principles of microbiology and immunology relating to nursing.
_____ 16. Demonstrate ability to perform mathematical procedures and conversions.

Fundamentals of Nursing Lab (PNV 1434)

_____ 1. Demonstrate knowledge of the scientific principles and technical skills necessary to perform nursing procedures.

Geriatric Nursing (PNV 1412)

_____ 1. Describe the physiological effects of aging.
_____ 2. Describe the psychosocial effects of aging.

Medical/Surgical Nursing I (PNV 1615)

_____ 1. Utilize knowledge of the nursing process to plan care for adult medical-surgical patients.

Medical/Surgical Nursing Lab and Clinical I (PNV 1624)

_____ 1. Utilize knowledge of the nursing process to care for adult medical-surgical patients.

Medical/Surgical Nursing II (PNV 1633)

_____ 1. Utilize knowledge of the nursing process to care for adult medical-surgical patients.

Medical/Surgical Nursing Lab and Clinical II (PNV 1644)

_____ 1. Utilize knowledge of the nursing process to care for adult medical-surgical patients.

Pharmacology (PNV 1513)

_____ 1. Explain the principles of pharmacology including terminology, drug dosages, actions, and interactions.
_____ 2. Calculate drug dosages.
_____ 3. Apply principles and practices of medication administration.

Maternal-Child Nursing (PNV 1717)

_____ 1. Demonstrate knowledge of maternal health care using the nursing process.
_____ 2. Demonstrate knowledge of pediatric health care using the nursing process.
_____ 3. Demonstrate knowledge of family adaptations.

Psychiatric Concepts (PNV 1813)

_____ 1. Utilize basic principles of mental health.
_____ 2. Utilize psychiatric therapeutic modalities.
_____ 3. Apply information about addictive/dependent behaviors.
_____ 4. Apply information about psychosocial disorders.

Nursing Transition (PNV 1912)

_____ 1. Apply professional development concepts.
_____ 2. Explain legal aspects of nursing.
_____ 3. Utilize employability skills.
_____ 4. Demonstrate the role of an entry level LPN.